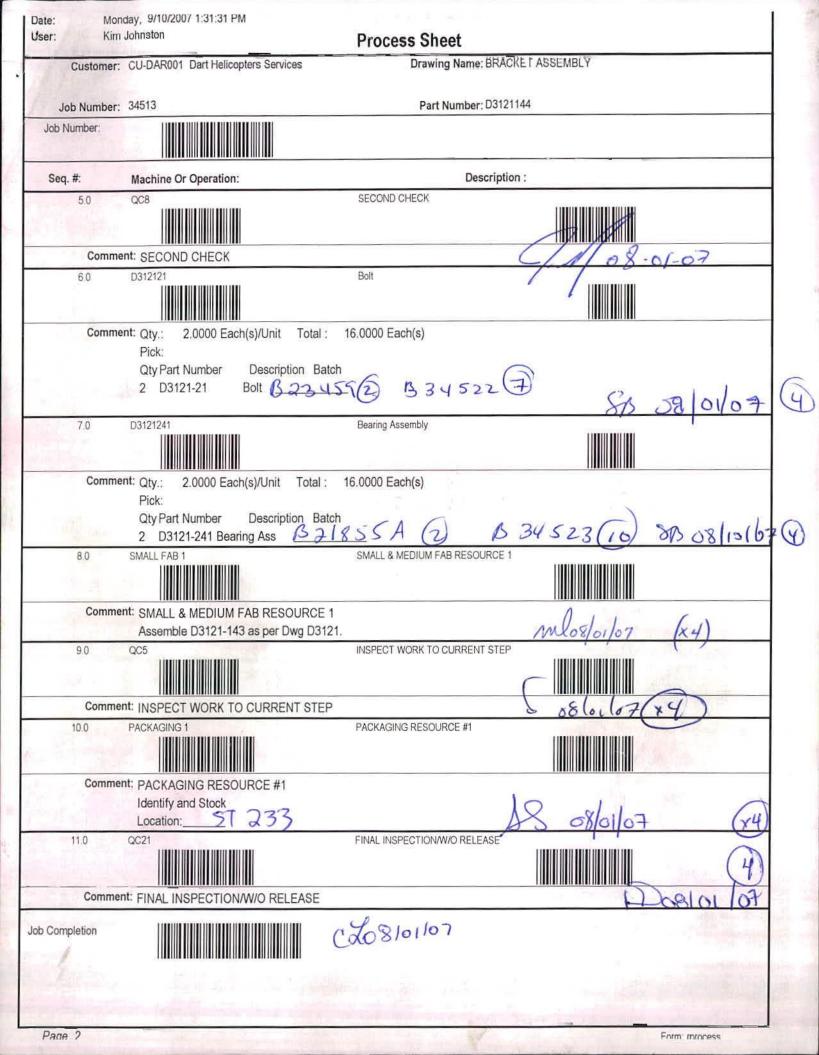
Dart	Aeros	pace	Ltd
Mar. 40.0 0 00		P-20-0	

W/O:		WORK ORDER CHANGES							
DATE STEP		PROCEDURE CHANGE	Ву	By Date		Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							7		
Part No		DAD # Foult Cotogony	NCD: Voc	Na DO		D. 4	010.107		

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date: 08/01/07
			QA: N/C Closed:	Date:

NCR:		W	ORK ORDE	ER NON-CONFORMAN	CE (NCR)			
1		Description of NC		Corrective Action Section E	3	Verification	100	A
DATE	STEP	Section A			Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
	4							
-		. 4		11				
- 1	ز ۲							

NOTE: Date & initial all entries



Dart Ae	rospace L	td							
W/O:			WC	ORK ORDER CHANGES					
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory: N				Date:	
NCR:			WORK ORDI	ER NON-CONFORMANO					
		Description of NC		Corrective Action Section B		Verific	ration	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Sign & Verification Section C		Chief Eng	QC Inspector

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	34513
Description: Bracket	Part Number:	D3121-114
Inspection Dwg: D3121 Rev: D		Page 1 of 2

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.080	+/-0.010	0.080				
0.300	+/-0.010	0.301	_			
R0.375	+/-0.010	R0.375	_			
1.54	+/-0.030	1.540	/			
0.350	+/-0.010	0.350				
R0.250	+/-0.010	RO.250				
1.800	+/-0.030	1.800	_			
Ø0.392	+0.002/-0.000	80-393				
Ø0.201	+0.005/-0.000	80.201				
0.100	+/-0.010	0.095				
2.540	+/-0.010	2.540	_			
1.590	+/-0.010	1.593	_			
0.160	+/-0.010	0.160				
0.400	+/-0.010	0.410				
1.220	+/-0.010	1.230	_			
1.600	+/-0.010	1.603	_			
3.80	+/-0.030	3804	/			
1.800	+/-0.010	1.801	/			
R0.500	+/-0.010	R 0.500	_			
0.130	+/-0.010	0.123	_			
3.41	+/-0.030	3.410				
3.65	+/-0.030	3.630				
2.24	+/-0.030	2.210				
45°	+/-0.1°	450				
R0.250	+/-0.010	RO.250	-			
3.97	+/-0.030	3.966				
R0.38	+/-0.030	20.380	-			
Ø0.392	+0.002/-0.000	80.393	-			
Ø0.201	+0.005/-0.000	0.201	_			
0.100	+/-0.010	0.095	_			
0.268	+/-0.010	0.268	_			
R0.260	+/-0.010	RO.260			100	
0.080	+/-0.010	0.078	_			
0.300	+/-0.010	0.301				

DART AEROSPACE LTD	Work Order:	34513
Description: Bracket	Part Number:	D3121-114
Inspection Dwg: D3121 Rev: D		Page 2 of 2

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

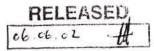
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
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0.201	+/-0.010	0.200				
0.580	+/-0.010	0.200	/			
0.400	+/-0.010	0.345	_			
100°	+/-0.1°	100°				
0.32 0.03	2 +/-0.010	0.028				
Gr	07-11-22					
	- 1/ 2/					

Measured by:	and	Audited by:	E.	Prototype Approval:	N/A
Date:	07/11/16	Date:	07.0.16	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	03.12.08	New Issue P/O D3121-144	KJ/RF	
В	04.05.05	Dimensions changed/re-arranged per Dwg revision	KJ/JLM	1
С	06.06.14	Dwg Rev. updated	KJ/JLM	Gid



DESI	ON DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHEC	APPROVED A	DRAWING NO. REV. I
1	VAN H	D3121 SHEET 1 OF 10
DATE	-M-M-1	TITLE SCALE
06.	05.17	BRACKET ASSEMBLY 1:2
Α	02.04.15	NEW ISSUE
В	03.01.16	ADD RIDGES; ADD MAT'L PROP; FIX P/N ADD -141/-143/-144/-145/-146
С	04.02.17	ADD CLEARANCE; USE -241 BEARING
D	06.05.17	D3121-25 CAP WAS 1.024, NOW 1.000



(1)

 $^{\scriptsize{\scriptsize{\scriptsize{\scriptsize{\scriptsize{\scriptsize{1}}}}}}}$

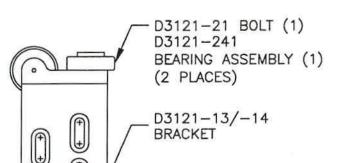
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-	D3121-2	21 BOLT 241	(1)
	BEARING		LY (1)

D3121-11 BRACKET

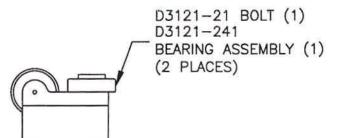
D3121-041 BRACKET ASSEMBLY

(REPLACES PREMIER P/N B30-23000-33)



D3121-043 (SHOWN) / D3121-044 (OPPOSITE) BRACKET ASSEMBLY

(REPLACES PREMIER P/N B30-23000-37/-38)



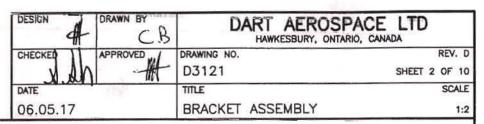
- D3121-15/-16 BRACKET

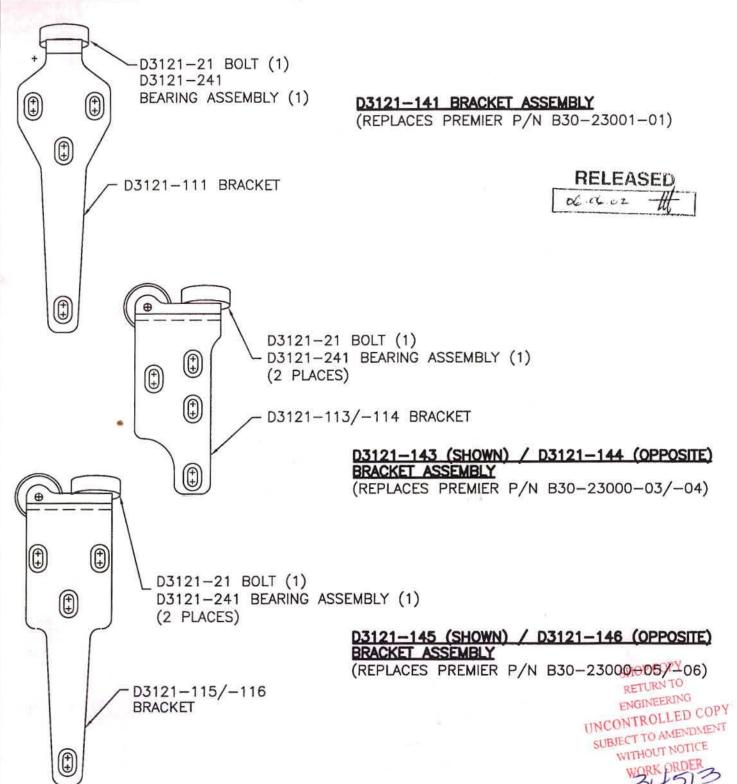
D3121-045 (SHOWN) / D3121-046 (OPPOSITE) BRACKET ASSEMBLY

(REPLACES PREMIER P/N B30-23000-35/-36)

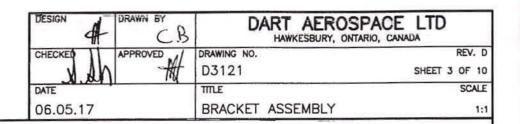
SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. 34513



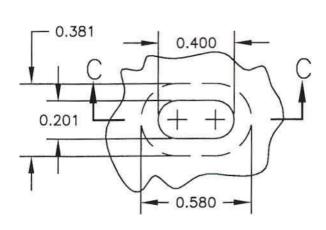


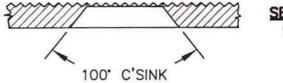




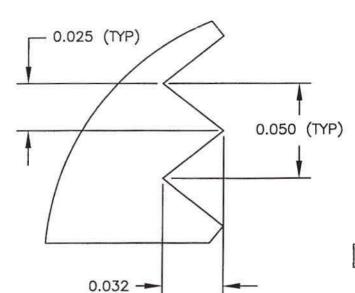








DETAIL B: RIDGE DETAIL PARTIAL SECTION SCALE 1:20

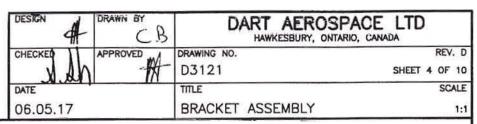


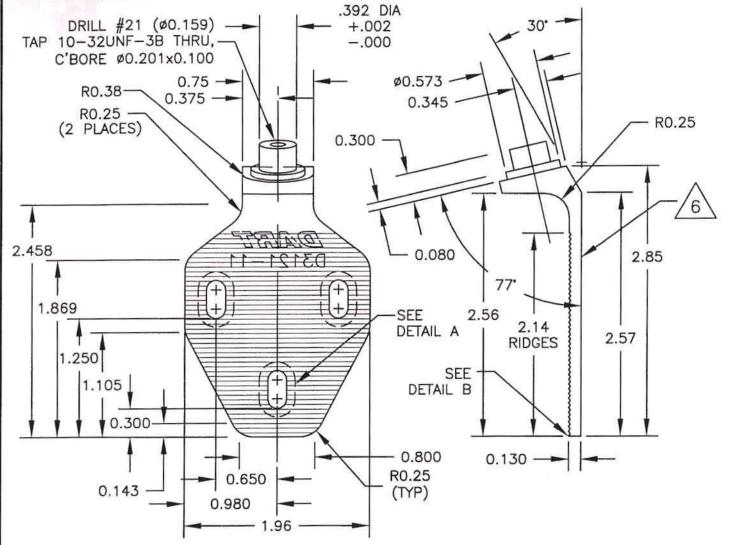
SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

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D3121-11 BRACKET

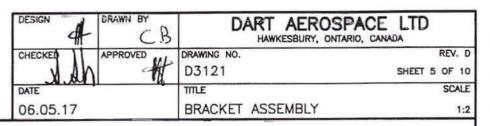
1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B) MIN ULTIMATE TENSILE = 150 ksi MIN YIELD TENSILE = 100 ksi

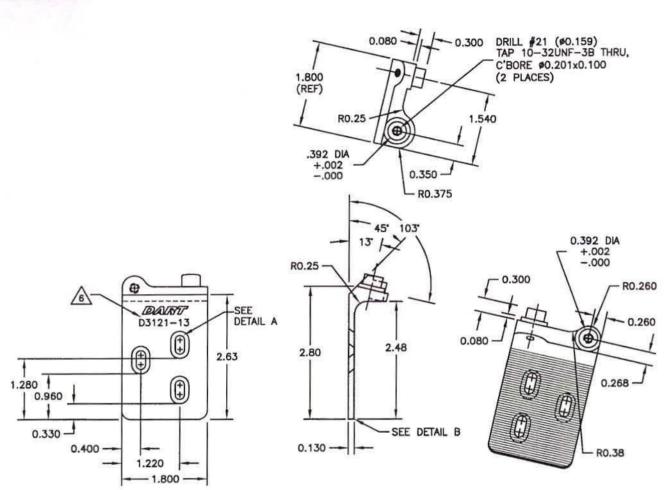
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) ENGRAVE DART P/N & LOGO AS SHOWN
- 6) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

RELEASED 06.06.02







D3121-13 BRACKET (SHOWN)

1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B) SUBJECT TO AMENDMENT MIN ULTIMATE TENSILE STRENGTH - 150 MIN YIELD TENSILE STRENGTH = 100 ksi

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

ALL DIMENSIONS ARE IN INCHES

4) BREAK ALL SHARP EDGES 0.005 TO 0.015

5) ENGRAVE DART P/N & LOGO AS SHOWN

6) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

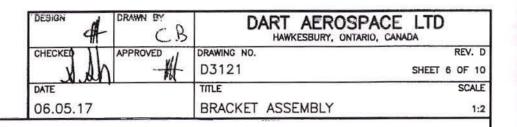
SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY

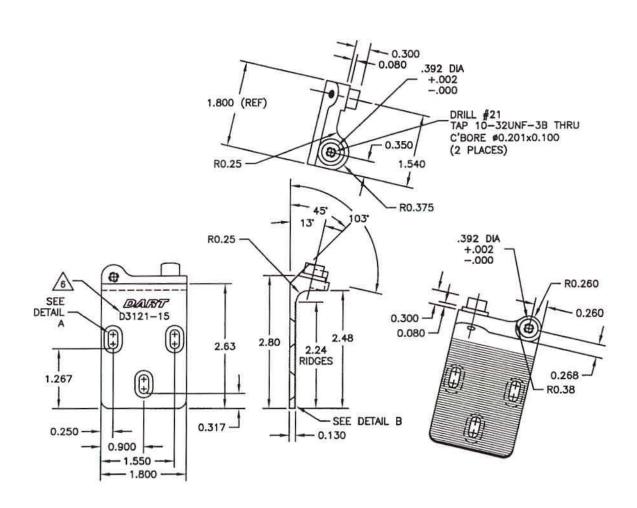
WORK OF

RELEASED 06.00Z

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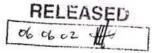


D3121-15 BRACKET (SHOWN)

1) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B) UNCONTROLLED COPY
MIN ULTIMATE TENSILE = 150 kg; MIN YIELD TENSILE = 100 ksi

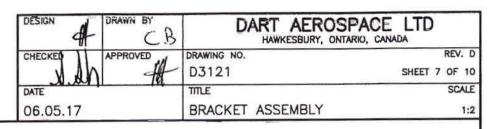
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) ENGRAVE DART P/N AND LOGO AS SHOWN
- 6) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

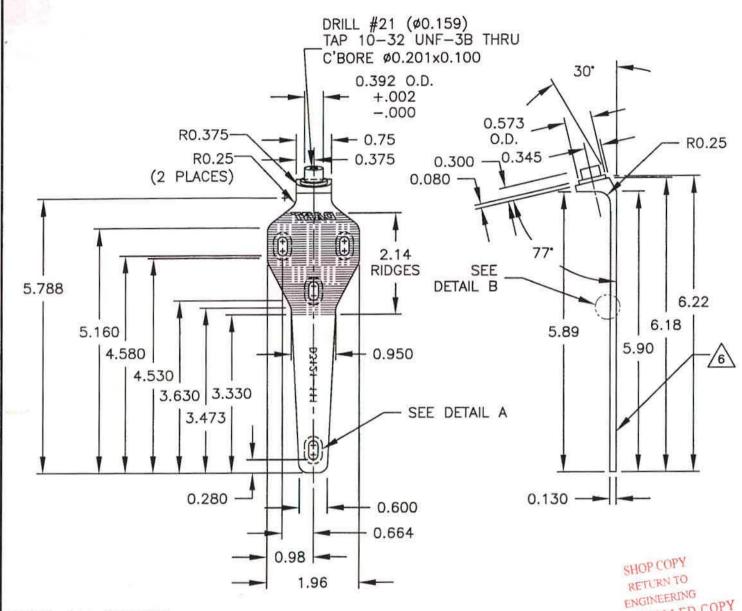
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D3121-111 BRACKET

1) REPLACES PREMIER P/N B32-23001-11

2) MATERIAL: 17-4 SS PER AMS 5604/5643 (REF DART SPEC. M17-4-B)
MIN ULTIMATE TENSILE = 150 ksi
MIN YIELD TENSILE = 100 ksi

- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHEWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 6) ENGRAVE DART P/N & LOGO IN AREAS SHOWN
- 7) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

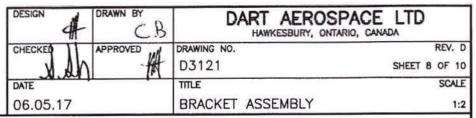
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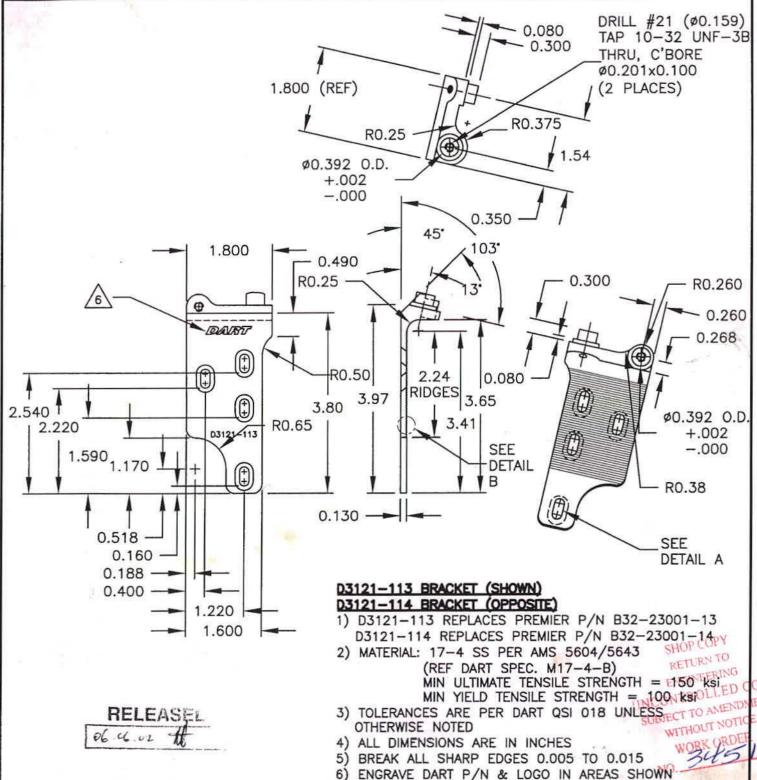
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06.06.02

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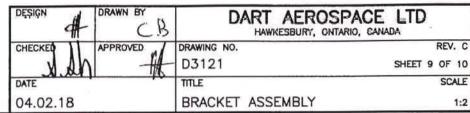


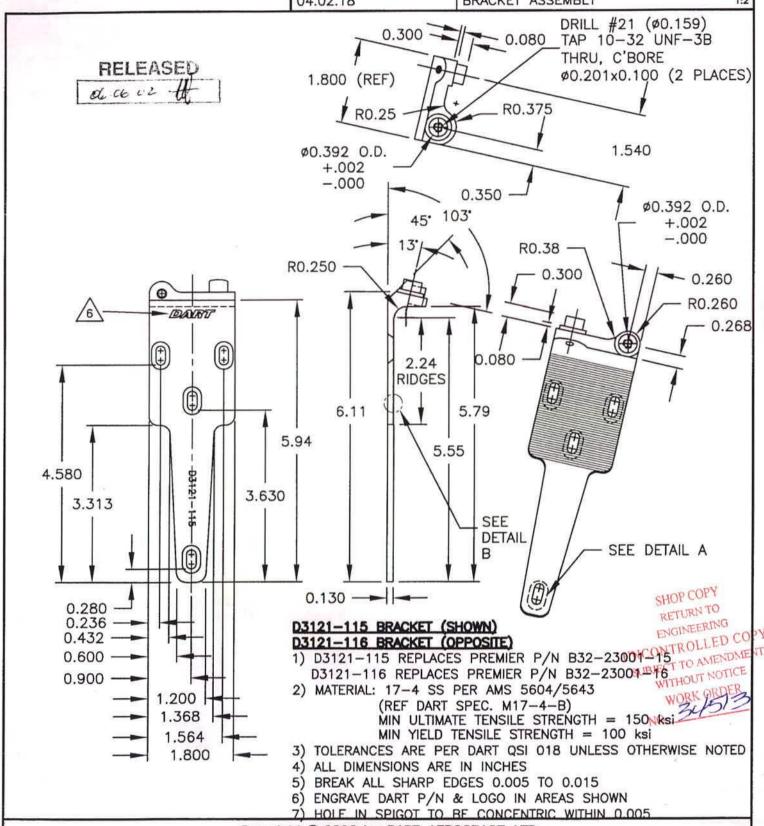


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7) HOLE IN SPIGOT TO BE CONCENTRIC WITHIN 0.005

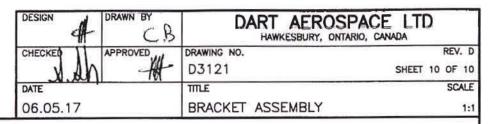


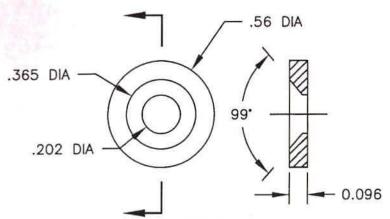




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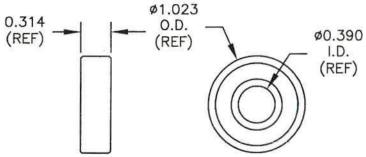






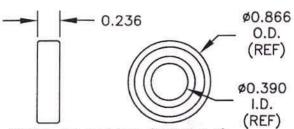
D3121-17 WASHER (SCALE 2:1)

- 1) REPLACES PREMIER P/N B32-23001-17
- 2) MATERIAL: AISI 303 SS ROUND BAR, ANNEALED (REF DART SPEC. M303R)
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015



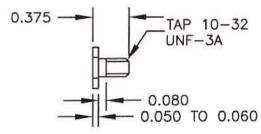
D3121-19 BEARING (SCALE 1:1)

- 1) POSSIBLE SUPPLIER: KING BEARING P/N 6000-2ZJ/EM 1) MATERIAL: DELRIN ROD, Ø1.25 FAFNIR P/N 9100KDD
- 2) ALL DIMENSIONS ARE IN INCHES



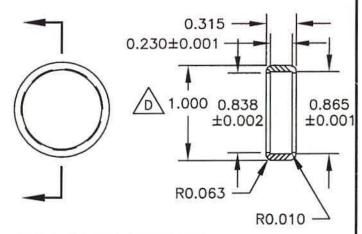
D3121-23 BEARING (SCALE 1:1)

- 1) POSSIBLE SUPPLIER: SKF P/N 61900-2Z OR KML P/N 6900-ZZ
- ALL DIMENSIONS ARE IN INCHES



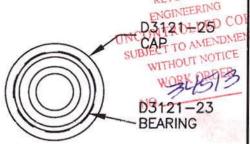
D3121-21 BOLT (SCALE 1:1)

- 1) MATERIAL: AISI 303 SS HEX, ANNEALED (REF DART SPEC. M303H0.500)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.015



D3121-25 CAP (SCALE 1:1)

- - (REF DART SPEC. M-DELRIN-R1.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES RETURN TO



D3121-241 BEARING ASSEBLY (SCALE 1:1)

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